

ACT Profile Report - State

Graduating Class 2009
Rhode Island



Table of Contents

Section I: Executive Summary	Page 5
Percent of Your Students Ready for College-Level Coursework	
Five Year Trends—Percent of Students Meeting College Readiness Benchmarks	
Five Year Trends—Average ACT Scores	
Five Year Trends—Average ACT Scores by Level of Preparation	
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity	
Section II: Academic Achievement	Page 9
ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values	
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation	
Average ACT Scores by Race/Ethnicity	
Percent of Students in College Readiness Standards Score Ranges	
Average ACT Scores by Gender	
Percent of Students Meeting College Readiness Benchmark Scores by Gender	
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum	
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum	
Section III: College Readiness & Impact of Course Rigor	Page 15
Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity	
Average ACT Scores and Average ACT Score Changes by Common Course Patterns	
College Readiness Percents by Common Course Patterns	
Section IV: Career and Educational Aspirations	Page 23
Distribution of Planned Educational Majors for All Students by College Plans	
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations	
Students' Score Report Preferences at Time of Testing	
Section V: Optional Writing Test Results	Page 27
Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing	

This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

The ACT is a curriculum-based measure of college readiness. ACT components include:

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

How to Improve Scores and Increase College Readiness

30% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 1,309 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 59% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 3% of the cohort took less than three years of math courses. Of these students, 8% were college ready. 5% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry). 17% of these students were college ready. In comparison, 62% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 5% of the cohort took less than three years of natural science courses. 15% of these students were college ready. In comparison, 36% of students who took at least three years of science coursework were college ready.

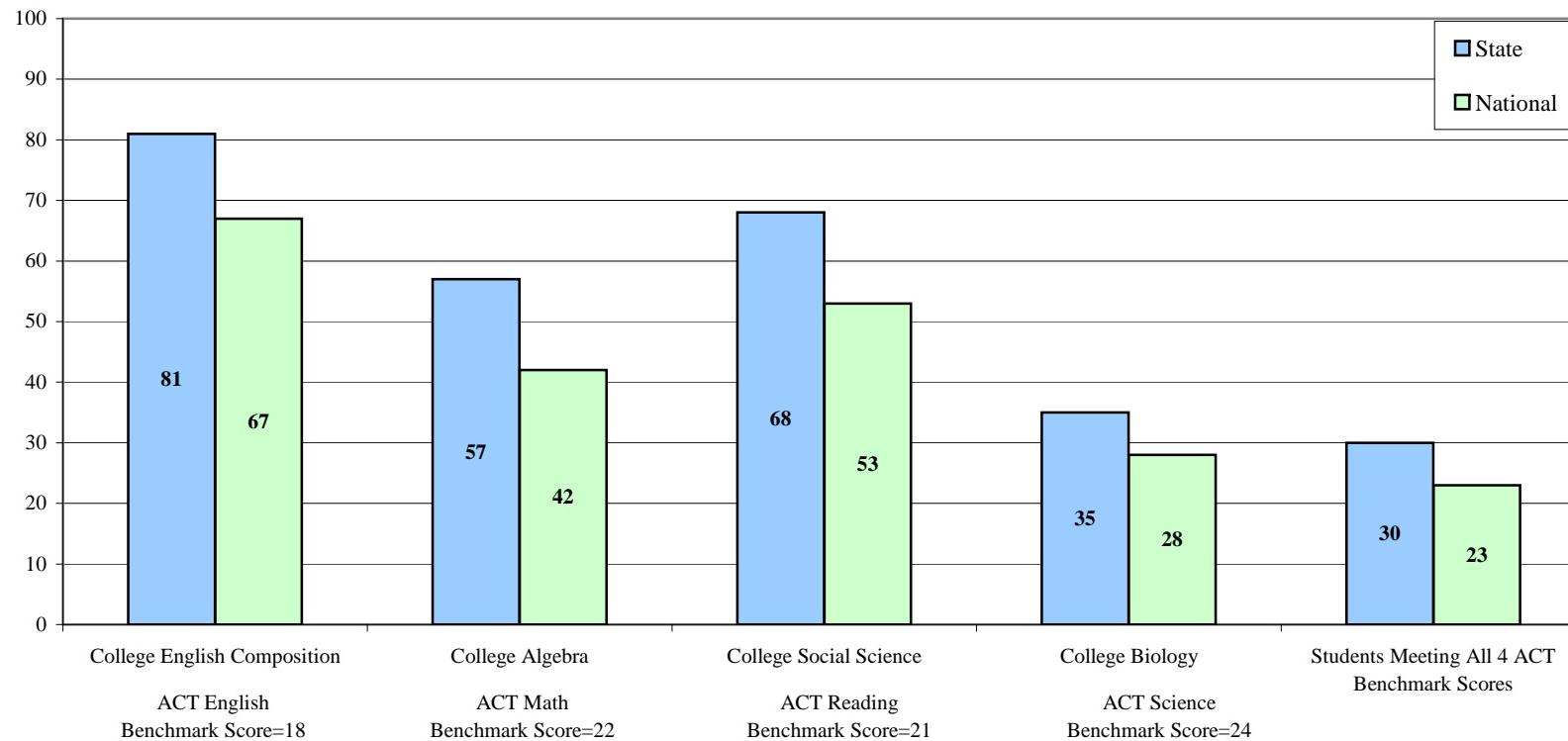
EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 34% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 518-869-7378.

Section I

Executive Summary

Figure 1.1. Percent of Your Students Ready for College-Level Coursework

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State	National	English		Mathematics		Reading		Science		Meeting All Four	
			State	National	State	National	State	National	State	National	State	National
2005	909	1,186,251	74	68	50	41	61	51	31	26	26	21
2006	920	1,206,455	73	69	45	42	54	53	27	27	23	21
2007	1,102	1,300,599	76	69	50	43	60	53	30	28	26	23
2008	1,251	1,421,941	75	68	51	43	59	53	31	28	26	22
2009	1,309	1,480,469	81	67	57	42	68	53	35	28	30	23

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2005	909	1,186,251	21.4	20.4	21.7	20.7	22.6	21.3	21.3	20.9	21.9	20.9
2006	920	1,206,455	20.9	20.6	21.1	20.8	21.8	21.4	20.7	20.9	21.2	21.1
2007	1,102	1,300,599	21.6	20.7	21.5	21.0	22.5	21.5	21.2	21.0	21.8	21.2
2008	1,251	1,421,941	21.7	20.6	21.9	21.0	22.3	21.4	21.0	20.8	21.9	21.1
2009	1,309	1,480,469	23.0	20.6	22.5	21.0	23.4	21.4	21.8	20.9	22.8	21.1

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

Year	Number of Students Tested		Average ACT Scores				
	State	National	English	Mathematics	Reading	Science	Composite
			State	National	State	National	State
2005	1,186,251		20.4	20.7	21.3	20.9	20.9
2006	1,206,455		20.6	20.8	21.4	20.9	21.1
2007	1,300,599		20.7	21.0	21.5	21.0	21.2
2008	1,421,941		20.6	21.0	21.4	20.8	21.1
2009	1,480,469		20.6	21.0	21.4	20.9	21.1

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

Year	Number of Students Tested		Percent ²		English		Mathematics		Reading		Science		Composite	
	Core or More ¹	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2005	323	398	36	44	22.1	21.3	22.1	21.8	23.3	22.5	21.9	21.4	22.5	21.8
2006	287	357	31	39	22.2	22.0	22.3	22.2	23.1	22.8	21.9	21.7	22.5	22.3
2007	325	444	29	40	23.1	22.6	22.8	22.3	23.9	23.4	22.4	21.9	23.2	22.7
2008	555	506	44	40	22.4	22.6	22.1	22.8	23.0	22.9	21.3	21.8	22.3	22.7
2009	772	491	59	38	23.1	23.5	22.6	23.0	23.7	23.8	22.0	22.0	23.0	23.2

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

²Percent of all students tested. Numbers will not add up to 100% due to student non-response.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	2005			2006			2007			2008			2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	909	100	21.9	920	100	21.2	1,102	100	21.8	1,251	100	21.9	1,309	100	22.8
African American/Black	54	6	16.0	55	6	15.9	68	6	17.1	71	6	17.1	52	4	18.5
American Indian/Alaska Native	2	0	14.5	4	0	18.5	4	0	17.8	8	1	19.4	4	0	18.3
Caucasian American/White	627	69	22.6	539	59	22.3	642	58	22.8	830	66	22.6	975	74	23.5
Hispanic	48	5	16.8	85	9	15.9	80	7	16.8	85	7	15.9	90	7	16.8
Asian American/Pacific Islander	22	2	21.5	10	1	22.6	17	2	20.0	38	3	23.0	40	3	22.6
Other/No Response	156	17	22.6	227	25	22.0	291	26	22.4	219	18	22.9	148	11	23.2

Section II

Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	7	100	4	100	13	100	3	100	0	100	36
35	19	99	10	100	10	99	3	100	2	100	35
34	27	98	23	99	42	98	12	100	7	100	34
33	29	96	23	97	36	95	9	99	15	99	33
32	31	94	27	95	23	92	5	98	21	98	32
31	33	91	28	93	65	91	17	98	36	97	31
30	50	89	23	91	83	86	20	96	42	94	30
29	49	85	57	89	55	79	30	95	52	91	29
28	66	81	40	85	50	75	35	92	62	87	28
27	61	76	62	82	48	71	49	90	88	82	27
26	78	72	79	77	64	68	67	86	75	75	26
25	87	66	115	71	59	63	133	81	101	69	25
24	91	59	114	62	88	58	73	71	108	62	24
23	65	52	77	54	68	51	131	65	102	53	23
22	106	47	64	48	82	46	86	55	80	46	22
21	91	39	56	43	98	40	126	49	91	40	21
20	61	32	67	39	78	32	117	39	72	33	20
19	56	27	70	34	65	27	120	30	84	27	19
18	48	23	64	28	31	22	64	21	61	21	18
17	37	19	85	23	57	19	42	16	51	16	17
16	61	17	98	17	49	15	47	13	45	12	16
15	47	12	60	9	29	11	26	9	38	9	15
14	24	8	31	5	50	9	26	7	26	6	14
13	20	6	21	2	30	5	26	5	31	4	13
12	21	5	8	1	12	3	11	3	12	1	12
11	9	3	1	1	13	2	14	2	5	1	11
10	16	3	2	1	6	1	9	1	1	1	10
9	12	1	0	1	2	1	4	1	1	1	9
8	3	1	0	1	2	1	0	1	0	1	8
7	2	1	0	1	0	1	0	1	0	1	7
6	2	1	0	1	0	1	3	1	0	1	6
5	0	1	0	1	1	1	1	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	0	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.0 (6.0)		22.5 (5.4)		23.4 (6.1)		21.8 (4.8)		22.8 (5.0)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP¹), and Subtest Score Averages

ACT Scale Score	English				Reading				Mathematics						ACT Scale Score	
	Usage/ Mechanics		Rhetorical Skills		Social Studies		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry			
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP		
18	83	100	24	100	51	100	116	100	69	100	21	100	23	100	18	
17	84	94	11	98	88	96	44	91	109	95	12	98	12	98	17	
16	82	87	111	97	91	89	146	88	86	86	68	97	61	97	16	
15	111	81	138	89	139	82	144	77	115	80	48	92	85	93	15	
14	90	72	138	78	98	72	156	66	101	71	170	89	138	86	14	
13	116	66	144	68	109	64	65	54	105	63	116	76	179	76	13	
12	126	57	181	57	132	56	94	49	176	55	186	67	112	62	12	
11	113	47	117	43	106	46	118	42	75	42	147	53	156	53	11	
10	124	39	128	34	113	38	85	33	139	36	197	41	175	41	10	
9	115	29	123	24	140	29	82	26	70	26	127	26	106	28	9	
8	63	20	84	15	73	18	93	20	97	20	100	17	116	20	8	
7	80	15	42	8	86	13	64	13	85	13	52	9	25	11	7	
6	50	9	18	5	56	6	40	8	49	6	9	5	47	9	6	
5	32	6	23	4	13	2	36	5	15	3	35	4	39	6	5	
4	28	3	17	2	1	1	14	2	13	1	7	2	8	3	4	
3	10	1	9	1	8	1	10	1	2	1	11	1	12	2	3	
2	1	1	1	1	5	1	2	1	3	1	2	1	9	1	2	
1	1	1	0	1	0	1	0	1	0	1	1	1	6	1	1	
Avg (SD)	11.7 (3.8)		11.8 (3.1)		11.8 (3.5)		12.3 (3.8)		12.0 (3.6)		11.2 (2.9)		11.1 (3.2)		Avg (SD)	

¹CP is the cumulative percent of students at or below a score point.

Table 2.3. ACT Score Quartile Values

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	26	28	25	26
Q2 (50th Percentile)	23	23	23	22	23
Q1 (25th Percentile)	19	18	19	19	19

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More ¹	Average ACT Composite Score Core or More	Average ACT Composite Score Less Than Core
State	All Students	1,309	59	23.0	23.2
	African American/Black	52	46	19.5	18.5
	American Indian/Alaska Native	4	50	15.5	21.0
	Caucasian American/White	975	61	23.5	23.6
	Hispanic	90	56	17.4	18.5
	Asian American/Pacific Islander	40	55	23.4	21.9
	Other/No Response	148	53	23.6	23.9
National	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

¹"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	23.0	22.5	23.4	21.8	22.8
	African American/Black	18.0	18.5	18.7	18.4	18.5
	American Indian/Alaska Native	17.8	17.3	18.5	19.3	18.3
	Caucasian American/White	23.9	23.2	24.2	22.4	23.5
	Hispanic	15.6	16.9	17.5	16.7	16.8
	Asian American/Pacific Islander	22.0	23.9	22.0	21.8	22.6
	Other/No Response	23.7	23.0	24.0	21.7	23.2
National	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	82	6	60	5	101	8	27	2
	28 to 32	229	17	175	13	276	21	107	8
	24 to 27	317	24	370	28	259	20	322	25
	20 to 23	323	25	264	20	326	25	460	35
	16 to 19	202	15	317	24	202	15	273	21
	13 to 15	91	7	112	9	109	8	78	6
	01 to 12	65	5	11	1	36	3	42	3
National	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	493	38	22.5	23.4	23.3	22.2	23.0
	Females	812	62	23.2	22.0	23.5	21.5	22.7
	Missing	4	0	27.5	20.3	24.5	21.3	23.5
National	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	78	63	67	39	36	
	Females	82	53	68	32	27	
National	Males	65	47	52	33	27	
	Females	69	38	53	24	20	

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Student Group	Curriculum Taken ¹	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % ³	Avg
State	Core or More ²	772	82	23.1	58	22.6	68	23.7	35	22.0	31	23.0
	Less than Core	491	84	23.5	60	23.0	71	23.8	37	22.0	33	23.2
	Missing	46	22	14.7	7	16.0	22	15.9	9	16.3	4	15.8
National	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0
	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2

¹"Curriculum Taken" reflects overall high school curriculum in this table.²"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.³Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken ¹	English			Mathematics			Reading			Science		
		N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More	1,261	82	23.2	1,245	59	22.8	816	67	23.4	1,220	36	22.1
	Less than Core	17	47	17.4	29	10	16.7	454	72	24.0	49	18	18.2
	Missing	31	26	15.8	35	9	16.3	39	23	15.9	40	10	16.6
National	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

¹"Curriculum Taken" reflects content-specific curriculum in this table.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

Section III

College Readiness and the

Impact of Course Rigor

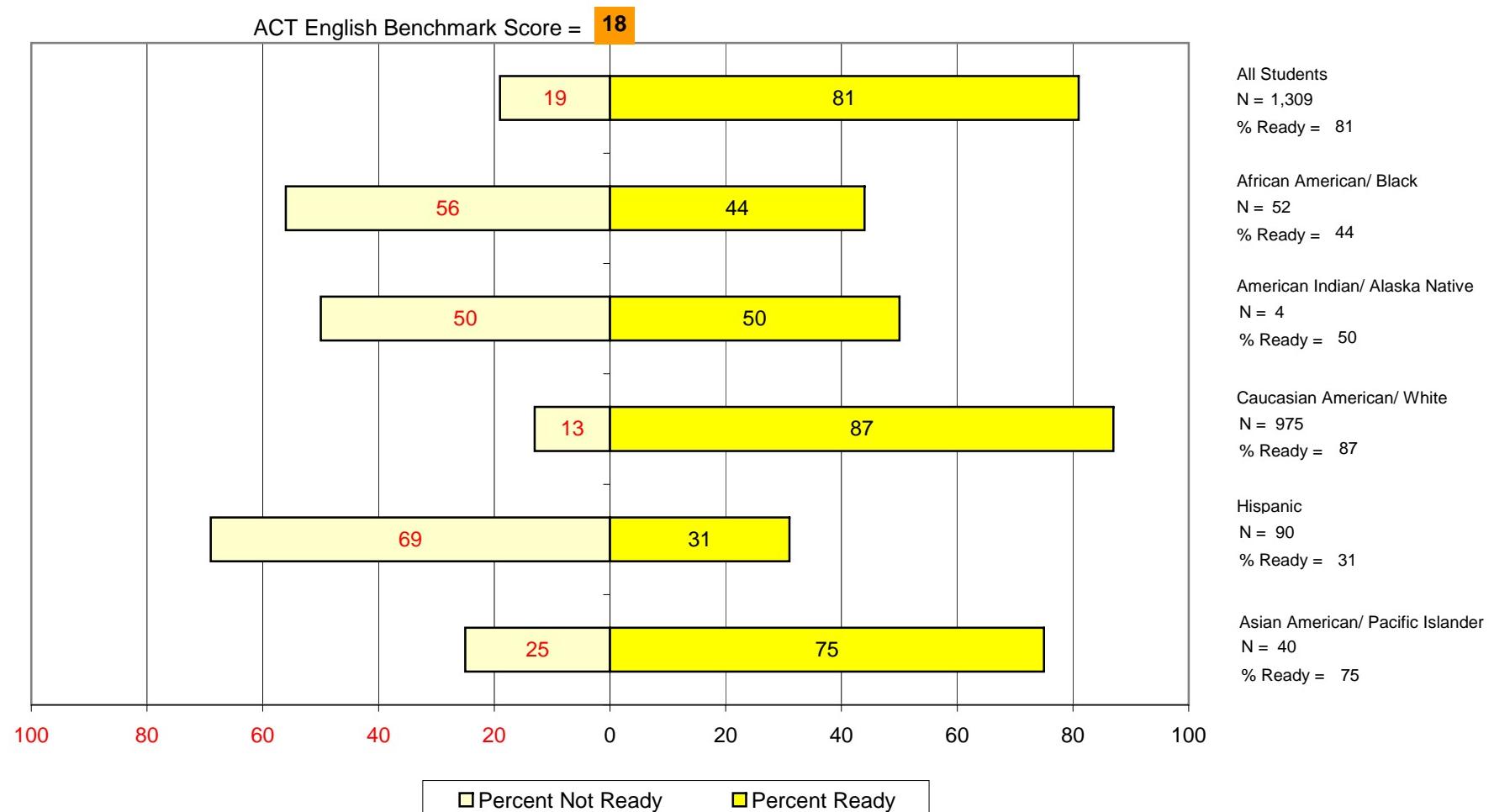
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

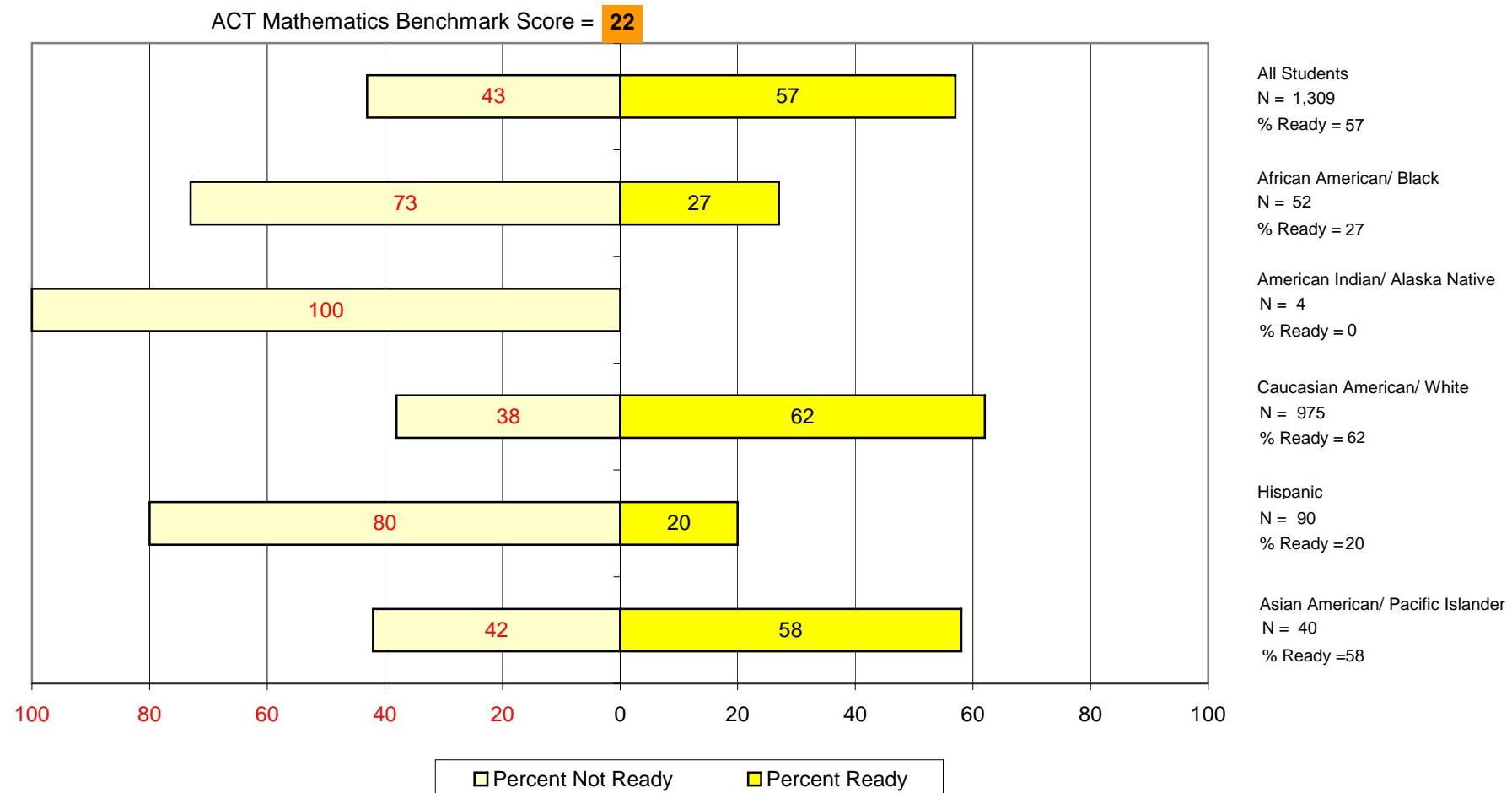
Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

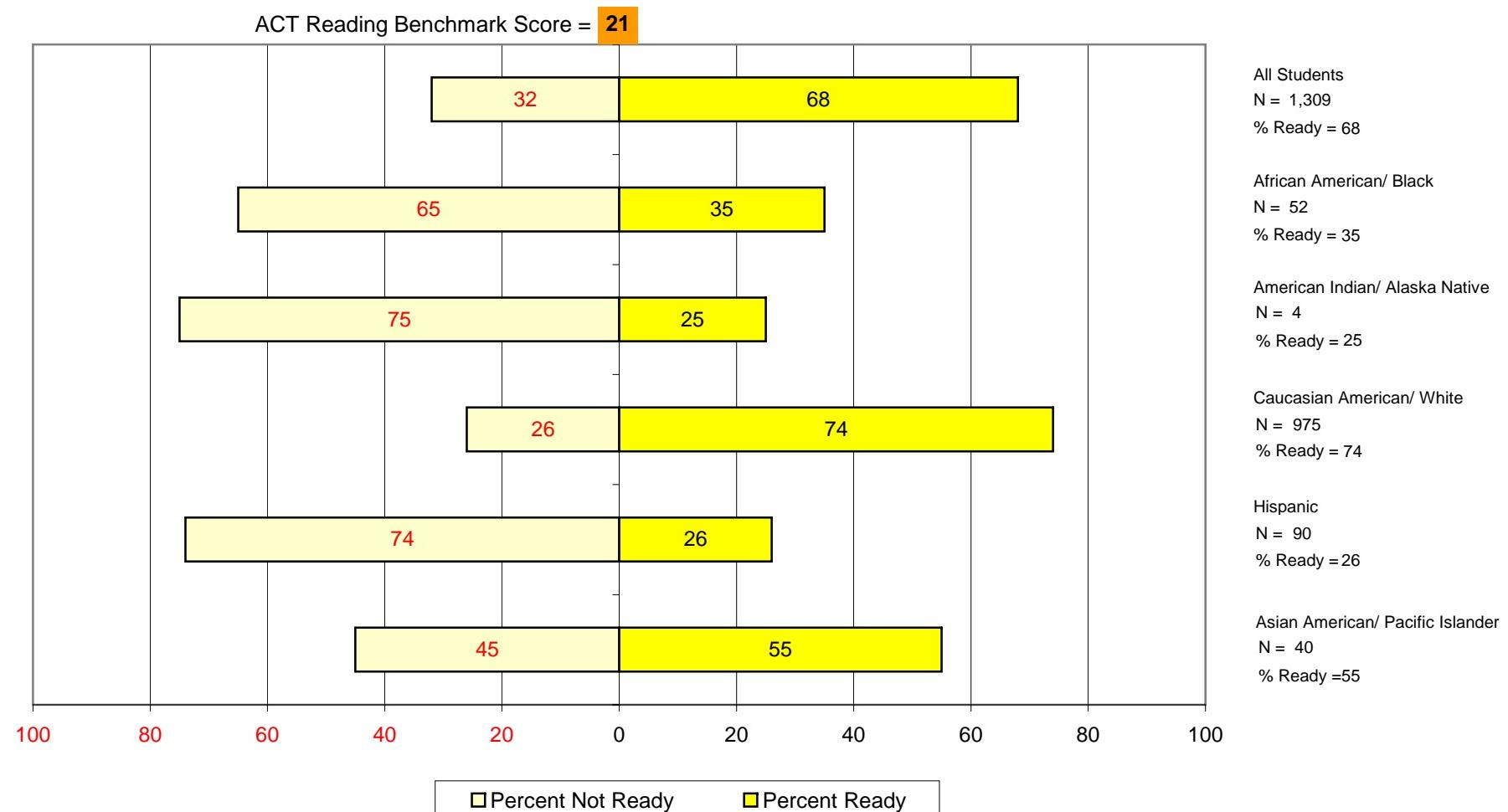
Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

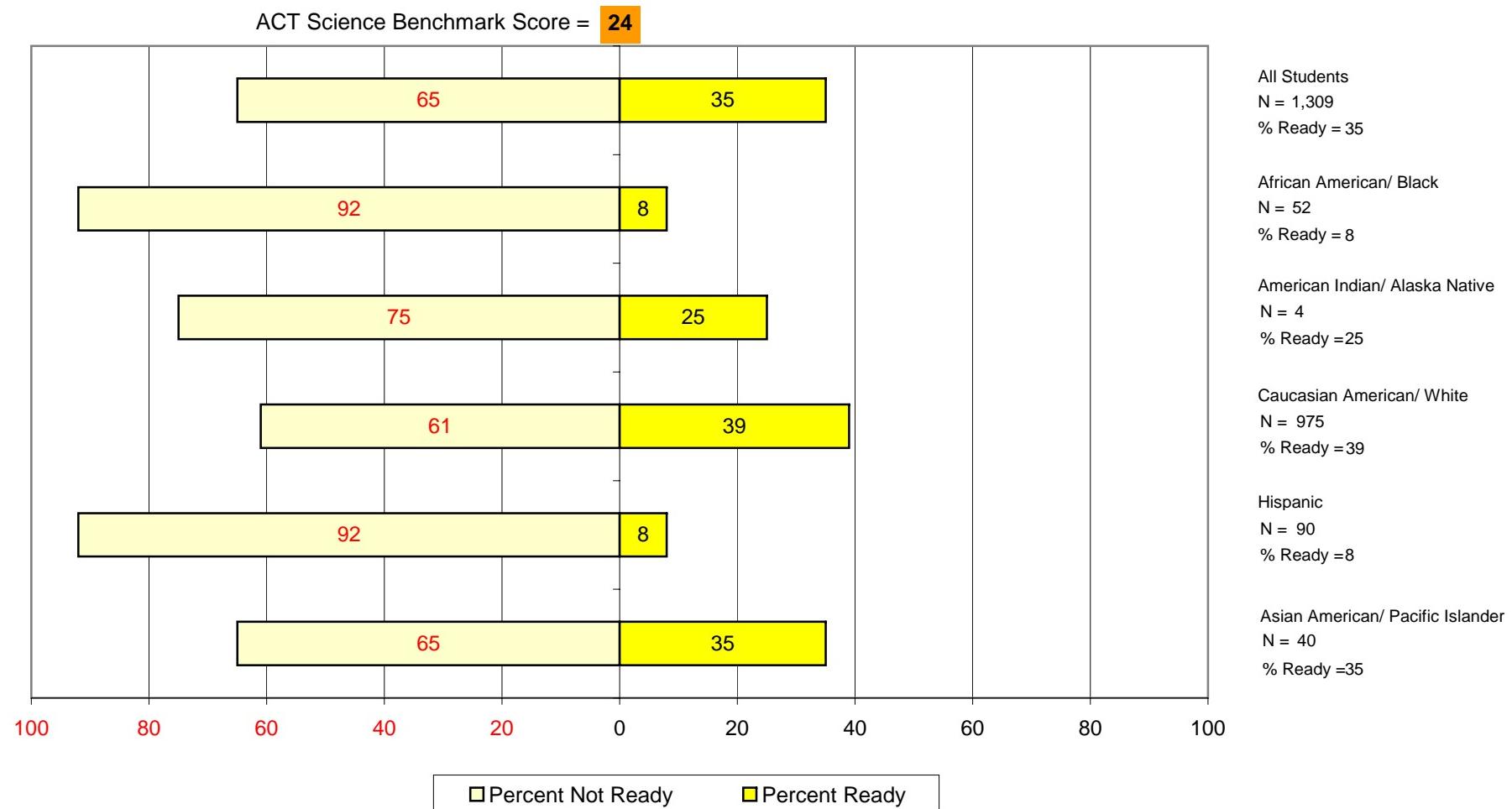
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE

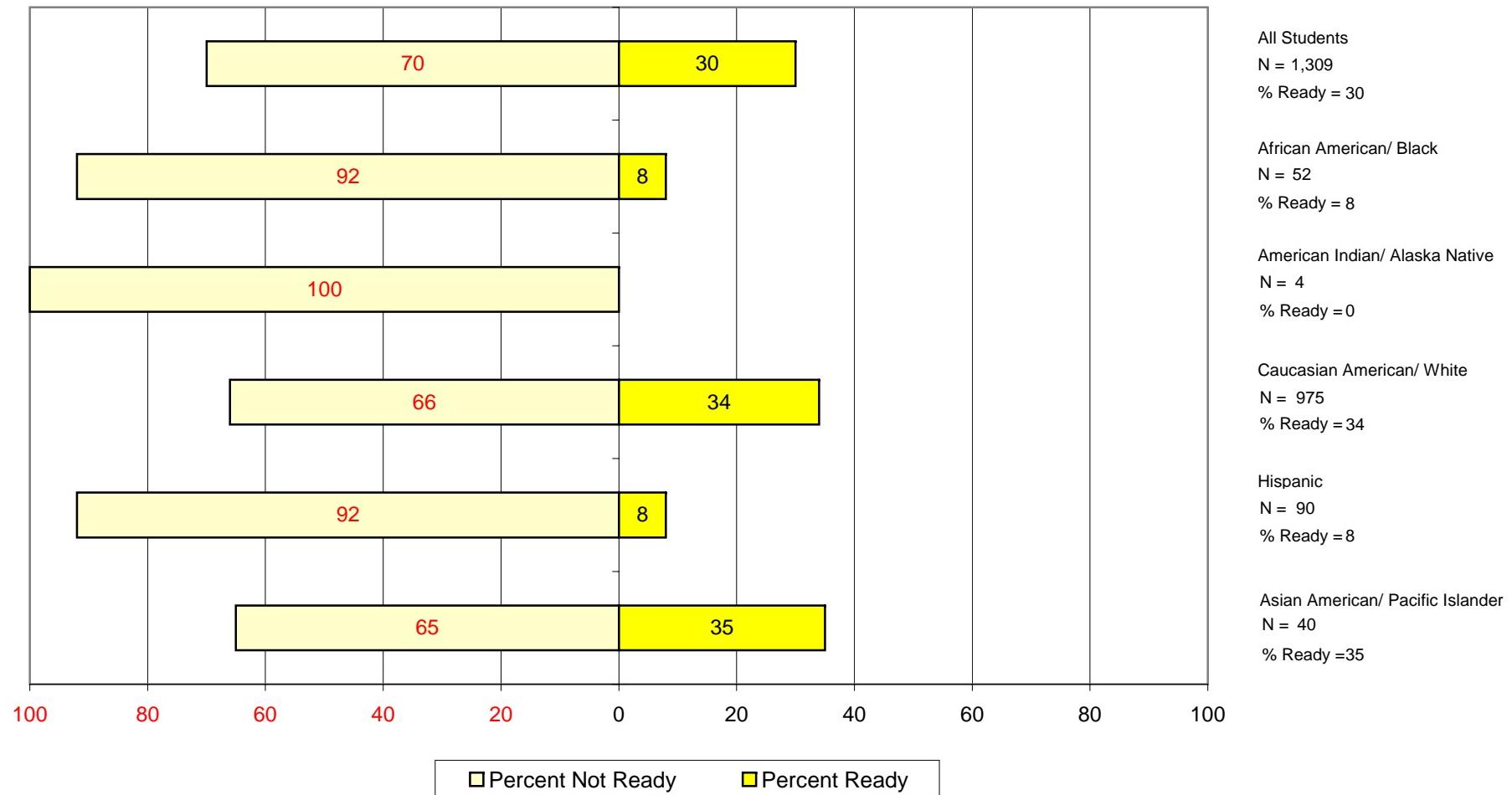
Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR

Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns

Course Pattern	All Students					Males					Females				
	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹	N	Percent	ACT English	Course Value Added ¹			
ENGLISH COURSE PATTERN															
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	393	30	23.1	6.9	128	26	22.4	6.3	262	32	23.4	7.2			
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	868	66	23.3	7.1	347	70	22.9	6.8	521	64	23.5	7.3			
Less than 4 years of English	25	2	16.2	-	8	2	16.1	-	17	2	16.2	-			
No English course/grade information reported	23	2	16.5	-	10	2	15.6	-	12	1	16.3	-			
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹	N	Percent	ACT Math	Course Value Added ¹			
Alg 1, Alg 2, Geom, Trig, & Calc	111	8	26.3	10.0	40	8	27.1	11.5	71	9	25.8	9.3			
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	134	10	22.6	6.3	44	9	23.8	8.2	89	11	22.1	5.6			
Alg 1, Alg 2, Geom, & Trig	59	5	19.5	3.2	18	4	20.7	5.1	41	5	18.9	2.4			
Alg 1, Alg 2, Geom, & Other Adv Math	184	14	20.6	4.3	50	10	21.0	5.4	134	17	20.5	4.0			
Other comb of 4 or more years of Math	620	47	24.0	7.7	261	53	24.8	9.2	357	44	23.5	7.0			
Alg 1, Alg 2, & Geom (Min. Core)	66	5	18.0	1.7	25	5	18.8	3.2	41	5	17.5	1.0			
Other comb of 3 or 3.5 years of Math	71	5	20.6	4.3	33	7	21.1	5.5	38	5	20.2	3.7			
Less than 3 years of Math	40	3	16.3	-	12	2	15.6	-	28	3	16.5	-			
No Math course/grade information reported	24	2	16.8	-	10	2	17.4	-	13	2	16.5	-			
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹	N	Percent	ACT Reading	Course Value Added ¹			
US Hist, World Hist, Am Gov, & Other Hist	78	6	24.9	1.2	46	9	23.7	-0.2	32	4	26.5	3.0			
Other comb of 4 or more years Social Science	344	26	22.8	-0.9	132	27	22.8	-1.1	211	26	22.8	-0.7			
US Hist, World Hist, & Am Gov (Min. Core)	44	3	23.1	-0.6	17	3	21.5	-2.4	27	3	24.2	0.7			
Other comb of 3 or 3.5 years of Social Science	350	27	23.8	0.1	124	25	23.6	-0.3	225	28	23.9	0.4			
Less than 3 years of Social Science	470	36	23.7	-	164	33	23.9	-	305	38	23.5	-			
No Soc Sci course/grade information reported	23	2	17.2	-	10	2	16.7	-	12	1	17.2	-			
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹	N	Percent	ACT Science	Course Value Added ¹			
Gen Sci ² , Bio, Chem, & Phys	779	60	22.5	5.0	309	63	23.1	6.7	468	58	22.0	3.6			
Bio, Chem, Phys	171	13	23.0	5.5	66	13	23.1	6.7	105	13	23.0	4.6			
Gen Sci ² , Bio, Chem (Min. Core)	261	20	20.5	3.0	75	15	20.5	4.1	186	23	20.5	2.1			
Other comb of 3 years of Natural Science	9	1	21.0	3.5	5	1	21.4	5.0	4	0	20.5	2.1			
Less than 3 years of Natural Science	66	5	17.5	-	28	6	16.4	-	37	5	18.4	-			
No Nat Sci course/grade information reported	23	2	17.3	-	10	2	17.8	-	12	1	16.7	-			

¹Course value added is defined as the average ACT score change compared to a less than core course sequence.

²Includes General, Physical and Earth Sciences.

Table 3.2. College Readiness Percents by Common Course Patterns

Course Pattern	N	State			National			
		Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	393	30	23.1	79	338,118	23	22.0	76
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	868	66	23.3	84	1,029,431	70	20.6	68
Less than 4 years of English	25	2	16.2	40	74,090	5	16.7	42
No English course/grade information reported	23	2	16.5	26	38,830	3	16.1	37
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	111	8	26.3	88	92,630	6	24.5	71
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	134	10	22.6	60	135,244	9	22.1	56
Alg 1, Alg 2, Geom, & Trig	59	5	19.5	27	110,962	7	20.0	35
Alg 1, Alg 2, Geom, & Other Adv Math	184	14	20.6	44	220,868	15	20.1	36
Other comb of 4 or more years of Math	620	47	24.0	68	455,130	31	23.9	66
Alg 1, Alg 2, & Geom (Min. Core)	66	5	18.0	17	248,747	17	17.5	12
Other comb of 3 or 3.5 years of Math	71	5	20.6	42	70,732	5	20.1	35
Less than 3 years of Math	40	3	16.3	8	105,591	7	16.5	7
No Math course/grade information reported	24	2	16.8	13	40,565	3	17.7	18
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	78	6	24.9	79	46,754	3	22.8	61
Other comb of 4 or more years Social Science	344	26	22.8	63	735,636	50	22.0	57
US Hist, World Hist, & Am Gov (Min. Core)	44	3	23.1	59	84,543	6	20.6	47
Other comb of 3 or 3.5 years of Social Science	350	27	23.8	69	420,236	28	21.3	52
Less than 3 years of Social Science	470	36	23.7	70	152,775	10	19.7	40
No Soc Sci course/grade information reported	23	2	17.2	30	40,525	3	17.5	26
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci ¹ , Bio, Chem, & Phys	779	60	22.5	40	563,824	38	22.2	39
Bio, Chem, Phys	171	13	23.0	44	141,531	10	23.3	47
Gen Sci ¹ , Bio, Chem (Min. Core)	261	20	20.5	22	459,833	31	20.1	21
Other comb of 3 years of Natural Science	9	1	21.0	22	41,353	3	19.8	21
Less than 3 years of Natural Science	66	5	17.5	15	233,215	16	18.4	11
No Nat Sci course/grade information reported	23	2	17.3	13	40,713	3	17.7	11

¹Includes General, Physical and Earth Sciences.

Section IV

Career and Educational Aspirations

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Planned Educational Major	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N ¹	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp	N	Percent ²	Avg ACT Comp
Agriculture Sciences & Technologies	7	1	21.4	0	0	.	7	1	21.4
Architecture & Environmental Design	32	2	21.8	0	0	.	27	2	22.4
Business & Management	146	11	22.0	1	11	13.0	131	12	22.3
Business & Office	12	1	20.8	1	11	29.0	9	1	19.9
Marketing & Distribution	9	1	21.6	0	0	.	7	1	22.3
Communications & Comm. Technologies	46	4	22.3	1	11	14.0	38	3	22.6
Community & Personal Services	14	1	19.1	1	11	14.0	12	1	19.4
Computer & Information Sciences	15	1	24.2	0	0	.	14	1	24.5
Cross-Disciplinary Studies	10	1	25.6	0	0	.	8	1	25.6
Education	65	5	20.3	0	0	.	60	5	20.6
Teacher Education	14	1	21.4	0	0	.	13	1	21.2
Engineering	49	4	25.4	0	0	.	47	4	25.5
Engineering-Related Technologies	29	2	23.9	0	0	.	27	2	24.4
Foreign Languages	18	1	25.7	0	0	.	18	2	25.7
Health Sciences & Allied Health Fields	231	18	22.1	2	22	15.5	209	18	22.4
Human, Family & Consumer Science	7	1	20.9	0	0	.	6	1	21.8
Letters	18	1	26.7	0	0	.	17	1	27.0
Mathematics	12	1	25.4	0	0	.	8	1	25.5
Philosophy, Religion & Theology	6	0	25.3	0	0	.	6	1	25.3
Sciences (Biological & Physical)	134	10	24.5	0	0	.	124	11	24.7
Social Sciences	108	8	24.5	0	0	.	100	9	24.6
Trade & Industrial	3	0	15.3	1	11	19.0	2	0	13.5
Visual & Performing Arts	72	6	22.0	1	11	18.0	59	5	22.4
Undecided	223	17	22.9	1	11	13.0	181	16	23.2
No Response	29	2	18.3	0	0	.	4	0	22.8

¹2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.²Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		African American/Black		American Indian/Alaska Native		Caucasian American/White		Hispanic		Asian American/Pacific Islander		Other/No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	2	18.5	0	.	0	.	1	19.0	0	.	0	.	1	18.0
2-yr College Degree	7	16.3	0	.	0	.	3	15.3	2	13.0	1	29.0	1	13.0
Bachelors Degree	345	20.9	15	15.4	0	.	274	21.6	24	17.0	9	19.4	23	20.9
Graduate Study	374	23.7	11	20.1	2	22.5	316	23.8	6	19.3	4	24.8	35	23.9
Prof. Level Degree	415	24.6	16	21.6	1	15.0	293	25.2	25	19.1	21	23.1	59	25.1
Other	24	18.8	2	16.5	0	.	16	19.8	2	11.5	2	21.0	2	19.0
No Response	142	20.9	8	16.4	1	13.0	72	23.8	31	14.8	3	23.7	27	21.1

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF RHODE ISLAND	Rhode Island	287	104	183	0	4	22	33	32	8	0
RHODE ISLAND COLLEGE	Rhode Island	94	28	66	2	7	23	45	21	1	0
NORTHEASTERN UNIVERSITY	Massachusetts	77	20	57	0	3	8	23	48	17	1
BOSTON UNIVERSITY	Massachusetts	72	25	47	0	1	13	22	43	19	1
BROWN UNIVERSITY	Rhode Island	70	32	38	0	3	3	11	37	39	7
UNIVERSITY OF CONNECTICUT	Connecticut	65	9	56	0	2	22	29	38	9	0
PROVIDENCE COLLEGE	Rhode Island	51	8	43	0	0	14	37	35	12	2
QUINNIPAC UNIVERSITY	Connecticut	49	14	35	2	0	18	35	35	10	0
BOSTON COLLEGE	Massachusetts	46	15	31	0	0	2	17	41	37	2
ROGER WILLIAMS UNIVERSITY	Rhode Island	46	5	41	0	9	26	37	26	2	0
SALVE REGINA UNIVERSITY	Rhode Island	37	5	32	0	5	22	51	22	0	0
BRYANT UNIVERSITY	Rhode Island	33	12	21	0	6	18	33	33	9	0
MASSACHUSETTS COLL PHARM/HLTH SCIENCES	Massachusetts	24	6	18	0	4	21	46	21	8	0
UNIVERSITY OF VERMONT	Vermont	24	5	19	0	4	4	17	50	21	4
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	23	2	21	0	0	22	35	22	17	4
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	23	1	22	0	4	26	17	43	9	0
SACRED HEART UNIVERSITY	Connecticut	20	7	13	0	5	30	30	35	0	0
COMMUNITY COLLEGE OF RHODE ISLAND	Rhode Island	19	7	12	5	37	26	21	11	0	0
NEW YORK UNIVERSITY	New York	19	8	11	0	5	16	11	47	21	0
STONEHILL COLLEGE	Massachusetts	19	1	18	0	0	16	26	37	21	0
UNIV OF MASSACHUSETTS-DARTMOUTH	Massachusetts	19	3	16	0	11	16	47	21	5	0
TUFTS UNIVERSITY	Massachusetts	18	3	15	0	6	0	6	44	39	6
ENDICOTT COLLEGE	Massachusetts	17	5	12	0	6	18	59	18	0	0
GEORGETOWN UNIVERSITY	District of Columbia	16	5	11	0	0	0	6	38	50	6
GEORGE WASHINGTON UNIVERSITY THE	District of Columbia	15	3	12	0	0	0	27	47	27	0
SUFFOLK UNIVERSITY	Massachusetts	15	2	13	0	0	33	27	27	13	0
WORCESTER POLYTECHNIC INST	Massachusetts	15	3	12	0	7	0	13	60	20	0
HOFSTRA UNIVERSITY	New York	14	2	12	0	0	14	21	64	0	0
EMERSON COLLEGE	Massachusetts	13	3	10	0	0	8	23	54	15	0
YALE UNIVERSITY	Connecticut	13	6	7	0	0	0	0	38	31	31
All Other Institutions		1,038	259	779	1	3	16	24	33	20	3
Total		2,291	608	1,683	1	4	16	27	34	16	2

Section V

Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

	N		English		Average ACT Scores			
					Essay		English/Writing Combined	
	State	National	State	National	State	National	State	National
All Students	1,082	814,713	23.3	21.5	7.9	7.2	22.9	20.8
African American/Black	49	96,225	18.2	16.5	6.8	6.4	18.1	16.5
American Indian/Alaska Native	4	5,489	17.8	18.9	6.5	6.7	17.8	18.5
Caucasian American/White	778	497,164	24.5	22.8	8.2	7.3	24.0	21.9
Hispanic	87	85,681	15.7	18.4	6.3	7.0	15.8	18.4
Asian American/Pacific Islander	35	44,716	21.3	23.5	8.3	7.6	21.7	22.8
Other/No Response	129	85,438	24.1	21.4	7.6	7.2	23.1	20.8
Males	392	357,025	22.9	21.1	7.7	6.9	22.3	20.3
Females	686	455,190	23.6	21.7	8.0	7.4	23.1	21.2
Missing	4	2,498	27.5	22.1	8.3	7.2	26.0	21.3

